

ONVIF



ORGANIZATION:

ONVIF is a global and open industry forum with the goal of facilitating the development and use of a global open standard for the interface of physical IP-based security products (IP cameras, IP coders, video recorders, access controllers, etc.). In February 2020, ONVIF reached more than 14,000 conformant products with more than 500 members.



INDUSTRY: video security technology



COUNTRY: USA

From 2010 to the present, we have been working with the international consortium ONVIF - we participate in the development of their protocols and create tools to validate third-party products for compliance with their open standard.

Our experience allows us to accurately meet project deadlines (each project has two semi-annual phases) year-over-year, and our in-depth knowledge of protocols allows us to develop tools of the highest level.

Every year, ONVIF issues invites to tender for these projects, which we have won every year but one.

TEST TOOLS FOR ONVIF DEVICES AND CLIENT SYSTEMS:

We offer tools for testing video surveillance devices (cameras, record equipment, etc.) and client video management systems (VMS) that support the ONVIF standard.

The tools enable manufacturers of devices and client systems to test their products for compliance with ONVIF standards with the further publication of the conformance statement or with relevant test reports to help achieve conformance in the future.

Our company is one of the world's leading experts in the field of ONVIF standards.

The company has created a set of test specifications for the ONVIF test tools ensuring compatibility of video surveillance devices and client systems.

We offer and support a number of successful releases of the ONVIF test tools for both ONVIF devices and ONVIF client systems.

As the ONVIF standards evolve, we constantly expand our ONVIF testing tools and continue to provide the ONVIF community with consulting services related to the development of testing tools and specifications.

TOOLS & TECHNOLOGIES:

- Microsoft VS 2017 / .Net 4.5
- WinForms / BouncyCastle / live555 / DirectShow
- HTTP / XML / SOAP / ONVIF, RTP/ RTCP / RTSP / HTTP

Tests

- 70 (mid 2010)
- 200 (early 2011)
- 300 (end of 2011)
- 390 (Summer 2012)
- ...
- 1122 (mid 2018)
- 1133 (end 2018)
- 1167 (end 2019)

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